IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
ALONZO W. BEASLEY, JR.

Serial No: 10/684,639

Examiner: Singh, Arti R.

Filed: October 14, 2003

Art Unit: 1771

Title: MOTOR VEHICLE AIRBAG AND FABRIC FOR USE IN SAME

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 CFR 1.131

Dear Commissioner:

I, the individual whose signature appears below, do hereby declare that:

1. I am an officer of Safety Components Fabric Technologies, Inc., owner of the above patent application by virtue of written assignment from the inventor.

2. This application was filed on October 14, 2003, but claims the benefit of application Serial No. 09/558,766, filed April 26, 2000.

3. I have been advised that all claims of the application have been rejected as being unpatentable over the disclosure of U.S. Patent No. 6,455,449 to Veiga et al. issued on September 24, 2002, and filed on September 3, 1999.

4. The present invention resides in the discovery that urethane-coated airbag fabrics may include a base fabric made from finer denier yarns of alternating deniers which produces a crest and trough pattern on the surface that enhances urethane adhesion.

5. As supported by the factual evidence submitted herewith, the claimed invention was conceived and, on information and belief, was reduced to practice prior to September 3, 1999.

6. The originals of Exhibits A through C discussed hereinafter in detail were all prepared prior to September 3, 1999. Actual dates and prospective customer name have been deleted.

7. As evidenced by Exhibit A, a base fabric of 315d warp and alternating fill of 315d and 210d denier was prepared. This fabric was designated style 4934. The first two pages of Exhibit A make up the request from the inventor for a sample of this fabric. Note that the "endues" of the fabric is indicated to be "airbag." The third page of Exhibit A is a "Sample Specification" for this fabric. The fourth page is a "Warping, Processing, Weaving Order and Headend Ticket" (stamped "Air Bag") for this fabric. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit A.

8. Exhibit B indicates that another sample of style 4934 was prepared. This base fabric also had 315d warp and alternating fill of 315d and 210d denier. The first page of Exhibit B is a "Sample Specification" for this fabric. The third page is a "Warping, Processing, Weaving Order and Headend Ticket" (stamped "Air Bag") for this fabric. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit B.

9. As evidenced by Exhibit C, a base fabric of 420d warp and alternating fill of 420d and 315d denier was prepared. This fabric, designated style 4951, was requested by the document making up the first two pages of Exhibit C. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit C.

10. A style 4934 base fabric was sent to the prospective customer (a coater), whereupon a urethane coating was applied. Satisfactory adhesion levels were reported.

11. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC.

Signed: Stephen B. Duerk

Name: Stephen B. Duerk

Title: President

Date: 1-31-05

EXHIBIT A

Rush

PROD. REQ. & COST FORM

TO: FRANCISCO BEDOYA DATE _____

I. MARKETING

CUSTOMER: _____ CUST. S/# _____ C/R# 10-387

SCFTI S/#: Standard 4934-02 WEAVE: Plain ENDUSE: Airbag LEVEL 4

	GR. (MIN/NOM.)	FIN. (MIN./NOM.)		YES	NO
ENDS/IN:	55	60	WARP SIZE OK	X	
PICKS/IN:	64 60 Sec Back	63-65	SPUN YARN TINT		
WIDTH:	75-76	69.5-70.5	HI. TEN REQD		

WARP: 315 / 144 / T-447 (AK20) OLD/NEW

FILL: 315 / 144 / T-447 AK20 (Air Bath) (pick & pick) KBS OLD/NEW

SCFTI PROCESS: 210/68/R-20 DuPont Nylon

GREIGE		CUT LENGTH RANGE	500 yds.
HEATSET IN THE GR.		MIN PC. LENGTH	200
SCOUR & HEATSET	X	SPLICES ALLOWED	yes.
APPLY & FINISH		PACKAGING	5" foil tube wrapped in clear plastic

DESCRIBE FINISH: _____ FINISH CODE: 9036

CFM RANGE: NA CUST. SPEC # TBD. DATED: _____

COPY OF CUST. SPEC ATTACHED _____ (TEST REQ. Y/N) (CERT REQ Y/N)

DEPT#: _____

II. TECHNICAL

TYPE LOOM: Dornier MULTIPLE PICKS - YES/NO (NO) EQUIVALENT PICKS: N/A

YARDS PER BEAM: N/A (WARP IN PLANT & NEW YARNS ONLY)

CONST. IN LOOM: REED WIDTH: 81.25 SLEY: 520 OFF LM PICKS: 640

WARP: 315/144/T-447 AK20

FILLING: 315/144/T-447 AK20 pick and pick
210/68/R20 DuPont Nylon

WARP YDS/LB: 14,150 FILLING YDS/LB: 14,150 ÷ 315 den & 21,250 = 210 den.

EST. WARP CONTRACTION: 5%

REMARKS: Sample for 447 - Yarns

SIGNATURE: Yvonne DATE: _____

PROCESSES REQUIRED: (CIRCLE AS APPLICABLE)

PREPARATION	WEAVING	FINISHING	FINAL	TESTING
WINDING	(DORNIER)	BATCH	SLIT	INTERNAL
TWISTING (IN/OUT)	SULZER	(SCOUR) JIG/CONT.	(INSPECT)	(CUST. LOT)
WARPING (IN/OUT)		CAN DRY	(PACK)	NONSTD.
(BLOCK/TRANS.)		CONTACT HT SET SHIP		PPAP
BEAMING/(SLASHING)		CALENDER/(TENTER)		ANNUAL QUAL.

III. ENGINEERING
LOOMS/WEAVER: _____ OTHER: _____

IV. COST DEPARTMENT DATE FWDED: _____

YDS/LOOM 120 HRS. _____ TARGET CONTRIBUTION LOOM/WK _____ YD _____ FAB. WT. _____ OZ./SQ. YD. _____

COST:
VAR./YD: _____ FX/YD: _____ B/E/YD: _____ MIN. YD: _____ TAR.YD: _____

YARN PRICE: WARP: _____ FILL: _____
SPECIAL INSTRUCTIONS: _____

DISCLAIMERS/COMMENTS: _____

A. has adhesion problem with low Denier buffer 630D

B. Run this as Pattern 02.

C. Pick insertion should BE 1/ and 1. of these filling yarns. Dec Front.

D. Low Tension on warp yarn.

E. This is chair ONLY

SUBMITTED BY _____ DATE: _____

APPROVED BY MARKETING MGR. _____ DATE: _____

APPROVED BY DIR. TECH. SVCS _____ DATE: _____

REJ./APPR TECH. SERV. MGR. _____ DATE: _____

APPROVED BY MFG. REF. COMM. _____ DATE: _____

FORWARD TO: _____ OR _____ CC: J. ANDERSON S. DUERK
J. UNDERWOOD D. HARVELL

Style:	W4934-0002-9026	**Level:**	IV

Description:	315,210 60 x 64	**U/M:**	YD
	Low Warp tension		
	8 harness and 6 banks of drop wires, 71% air space reed		
Fabric:	Dupont t-6.6 nylon		
Weave:	Plain PICK AND PICK WITH 2 FILLING YARNS		
Face:	Either		
Weave cut (yds):	500	**Weave picks/inch:**	64.00
Edges:	Heat slit at loom		
Type size:	BF-44C-4% SOLIDS IN SIZE BOX,1% STRETCH ON SLASHING		
Other:	1 end 420/68 dk.blue nylon 24 ends from left side at slasher		

Status:	ACT
Department no:	10
Product code:	89 Airbag - driver uncoated
Loom type:	Dornier general
Primary customer:	/ VARIOUS
Requested by:	L. BEASLEY
Reed width:	81.23
Dents/inch:	26.000
Ends/dent:	2
Sley count:	52.000
No. ends:	4,224

Warp yarn code:	RMNL1538	**Supplier:**	ACORDIS INDUSTRIAL FIBERS
Description:	315/144 T-447 HRT-8 Acordis Scottsboro Nylon		
	Airbag Beams		
Twist:	None		
Merge:			
Fill yarn code:	RMNL1539	**Supplier:**	ACORDIS INDUSTRIAL FIBERS
Description:	315/144 T-447 HRT-8 Acordis Scottsboro Nylon		
	Airbag Tubes		
Twist:	None		
Merge:			

Packaging:	See final inspection instructions	**Hold code:**	02
Grading:	See final inspection instructions	**Putup code:**	11 Roll Goods
Purpose:	nylon coating fabric (Air bag)	**Tare wt:**	
Tube size:	See final inspection instructions	**CFM code:**	

Std wt (yds/lb):	1.59
Weight (lbs/yd):	0.628
Allow dev %:	3.00

	Est. Off Loom			Est. Finished		
	Min	Max	Target	Min	Max	Target
Width (in):	75.50	76.50	76.00	69.50	70.50	70.00
Count (W x F):	54 x 63	56 x 65	55 x 64	58 x 62	62 x 66	60 x 64
Wt(oz/syd):	4.71	4.71	4.71	4.93	4.93	4.93

Comments: As c/r #10-387 var. W4934-01

FILLING YARN #2
RMNL 1618 210/68 R20 T-729 TUBES FROM DUPONT

Current rev: 000
Revision date: 05/25/1999 **By:** TK
original

WARPING ORDER F-1017 11/96 (RE: QMS - 102)

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC. - DUNEAN PLANT - 80

WARPING, PROCESSING, WEAVING ORDER AND HEADEND TICKET

STYLE: W-4934 EXP.-2 TYPE CLOTH: NYLON COATING AIR BAGS DATE: _____

NO. BEAMS: 1 REED SPREAD: 81.23" DENT REED: 26.00 ENDS DENT: 2 TOTAL DENTS: 2156* SLEY: 52.00 SHAFTS: 8

DRAW: STRAIGHT WEAVE: PLAIN EST % CONT: 8% TYPE LOOM: DORNIER DIST. BTWN BM. HEAD: 81.75"

DEPT.: 10 BODY ENDS: 4224 SELV ENDS: 1 TOTAL ENDS: 4225

SELVAGE: ** 1 END 420/68 DEN. DARK BLUE NYLON - HEAT SLIT AT LOOM WEIGHT PER YARD: .0001

FILLING A: 315/144/T-447 AKZO SCOTSBORO NYLON PICKS: 32 WT/YD: .1959 (14,150)

FILLING B: 210/68/R-20 DUPONT NYLON PICKS: 32 WT/YD: .1305 (21,250)

*INCLUDES 22 DENTS EACH SIDE FOR CATCH CORD,LENO,ETC.

FILLING C: _____ PICKS: ____ WT/YD: _____

WARP A: 315/144/T-447 AKZO SCOTTSBORO NYLON NO. ENDS: 4224 WT/YD: .3245 (14,150)

NO TINT - NO CUT MARKS

WARP B: ** ADDED AT SLASHER 24 ENDS FROM LEFT NO. ENDS: ____ WT/YD: _____

EDGE AT SLASHER

WARP C: _____ NO. ENDS: ____ WT/YD: _____

WARPING LAYOUT

MAY ALSO BE WARPED AS BELOW:

12 - BMS @ 0 352 0 (SELV. BODY A SELV.)

____ - BMS @ _____ (SELV. BODY A SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

FOR HEADEND TICKET:

GREIGE WIDTH _____ EST. WEIGHT _____ ACT.% CONT _____ GROUND COUNT _____ OVERALL COUNT: _____

ISSUED BY: FRANCISCO BEDOYA _____ DATE: _

cc: [redacted],BURTON, REESE, HALEY, HAVER, B.JAMES,D. ROBBINS, WEAVE ROOM, J. GLENN

D-10 R. DEATHERAGE (3), FRANCISCO BEDOYA (3) D-10

CERTIFICATE OF CONFORMANCE

MANUFACTURER: Safety Components Fabric Tech. Inc.
Duncan Plant
Greenville, SC

3/5/2010

TEST CONDITIONS: 72°F / 65% R.H.

CUSTOMER ID:

MATERIAL: W4934-02-9026 LOT: 20699 TEST DATE: SPECIFICATION: TBD

Piece No. / Sample No.	8661T			Specification Requirement	UNIT OF MEASURE	TEST PROCEDURES
GRAB TENSILE						
WARP	427	0	0	Min:	Pounds	ASTM-D-5034
FILLING	389	0	0	Min:	Pounds	ASTM-D-5034
ELONGATION						
WARP	42	0	0	Min: Max:	Percent	ASTM-D-5034
FILLING	44	0	0	Min: Max:	Percent	ASTM-D-5034
TONGUE TEAR						
WARP	27	0	0	Min:	Pounds	ASTM-D-2261
FILLING	26	0	0	Min:	Pounds	ASTM-D-2261
TRAPEZOID TEAR						
WARP	0	0	0	Min:	Pounds	ASTM-D-4533
FILLING	0	0	0	Min:	Pounds	ASTM-D-4533
SHRINKAGE						
WARP	1.56	0.00	0.00	Max:	Percent	1 HR @ 300 F
FILLING	0.00	0.00	0.00	Max:	Percent	1 HR @ 300 F
FLAMMABILITY	0.0	0.0	0.0	Max:	IN/MIN	FMVSS-302
BOW				Max:	Percent	
BIAS				Max:	Percent	
WEIGHT	5.14	0.00	0.00	Min: Max:	OZ/YD2	ASTM-D-3776
WIDTH	70.0	0.0	0.0	Min: Max:	INCHES	ASTM-D-3774
ENDS	59.4	0.0	0.0	Min: Max:	EPI	ASTM-D-3775
PICKS	63.4	0.0	0.0	Min: Max:	PPI	ASTM-D-3775
BODY THICKNESS	.010	0.000	0.000	Min: Max:	Inches	ASTM-D-1777
DYNAMIC AIR PERM						
ADAP				Min: Max:	mm/sec	T.B.D.
EXPONENT				Min: Max:		T.B.D.

Material: W4934-02-9026 Lot: 20699

Piece No. Sample No.	86617			Specification Requirement	UNIT OF MEASURE	TEST PROCEDURES
MULLEN BURST WET				Min:	PSI	ASTM-D-3786
pH	7.5			Min: Max:	pH units	FTM 191
EXTRACTABLES (%)	.2			Max:	Percent	JPS 701
DYE STAIN	5			Min: 4	AATCC CROCK UNITS	JPS 701
AIR PERMEABILITY	0.00	0.00	0.00	Min: Max:	CFM	ASTM-D-737
CANTILEVER STIFFNESS						
WARP	0.0	0.0	0.0	Min: Max:	MG/CM2	ASTM-D-4032
FILL	0.0	0.0	0.0	Min: Max:	MG/CM2	ASTM-D-4032
CIRCULAR BEND						
WARP	.700	0.000	0.000	Min: Max:	Pounds	ASTM 4032
FILL	.700	0.000	0.000	Min: Max:	Pounds	ASTM 4032

I certify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above material specifications except as noted with an asterisk (*).

ROBERT M. HOLCOMBE LAB DIRECTOR
(864) 240-2624

P-1065 (5/96) [WI-2021]

EXHIBIT B

FETY COMPO NTS FABRIC
CHNOLOGIES, INC.

STYLE MJ TR LISTING
Sample Specification

PAGE:

tyle:	W4934-0003-9026	Level: IV	
escription:	315 60 x 64 Acordis	U/M: YD	
	Low Warp tension		
	8 harness and 6 banks of drop wires, 71% air space reed		
abric:	Dupont t-6.6 nylon		
eave:	Plain PICK AND PICK WITH 2 FILLING YARNS		
	WEAVE 3 LOTS		
ace:	Either		
eave cut (yds):	200 Weave picks/inch: 64.00		
dges:	Heat slit at loom		
ype size:	BF-44C-4% SOLIDS IN SIZE BOX,1% STRETCH ON SLASHING		
ther:	1 end 420/68 dk.blue nylon 24 ends from left side at slasher		

Status:	ACT
Department no:	10
Product code:	89 Airbag - driver uncoated
Loom type:	Dornier general
Primary customer:	
Requested by:	L. BEASLEY
Reed width:	81.23
Dents/inch:	26.000
Ends/dent:	2
Sley count:	52.000
No. ends:	4,224

arp yarn code:	RMNL1538 Supplier: ACORDIS INDUSTRIAL FIBERS
escription:	315/144 T-447 HRT-8 Acordis Scottsboro Nylon
	Airbag Beams
wist:	None
erge:	
ill yarn code:	RMNL1539 Supplier: ACORDIS INDUSTRIAL FIBERS
escription:	315/144 T-447 HRT-8 Acordis Scottsboro Nylon
	Airbag Tubes
wist:	None
erge:	

ackaging:	See final inspection instructions
rading:	See final inspection instructions
urpose:	nylon coating fabric (Air bag)
ube size:	See final inspection instructions

Hold code:	02
Putup code:	11 Roll Goods
Tare wt:	
CPM code:	

td wt (yds/lb):	1.59
eight (lbs/yd):	0.628
llow dev %:	3.00

	Est. Off Loom			Est. Finished		
	Min	Max	Target	Min	Max	Target
Width (in):	75.50	76.50	76.00	69.50	70.50	70.00
Count (W x F):	54 x 63	56 x 65	55 x 64	58 x 62	62 x 66	60 x 64
Wt(oz/syd):	4.71	4.71	4.71	4.93	4.93	4.93

omments: As c/r #10-407 as W4934-02

FILLING YARN #2
RMNL 0051 210/72 T-447 HRT TUBES FROM ACORDIS, 100% AKZO

Current rev: 000
Revision date: 08/10/1999 By: TK
ORIGINAL

WARPING ORDER F-1017 11/98 (RE: QMS - 102)

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC. - DUNEAN PLANT - 80

WARPING, PROCESSING, WEAVING ORDER AND HEADEND TICKET

STYLE: W-4934 EXP.-3 TYPE CLOTH: NYLON COATING AIR BAGS DATE: _____

NO. BEAMS: 1 REED SPREAD: 81.23" DENT REED: 26.00 ENDS DENT: 2 TOTAL DENTS: 2158" SLEY: 52.00 SHAFTS: 8

DRAW: STRAIGHT WEAVE: PLAIN EST % CONT: 8% TYPE LOOM: DORNIER DIST. BTWN BM. HEAD: 81.75"

DEPT.: 10 BODY ENDS: 4224 SELV ENDS: 1 TOTAL ENDS: 4225

SELVAGE: ** 1 END 420/68 DEN. DARK BLUE NYLON - HEAT SLIT AT LOOM WEIGHT PER YARD: .0001

FILLING A: 315/144/T-447 AKZO SCOTSBORO NYLON PICKS: 32 WT/YD: .1959 (14,150)

FILLING B: 210/72/R-20 ACORDIS 100% T-447 HRT FROM AKZO PICKS: 32 WT/YD: .1305 (21,250)
*INCLUDES 22 DENTS EACH SIDE FOR CATCH CORD,LENO,ETC.

FILLING C: _____ PICKS: ____ WT/YD: ____

WARP A: 315/144/T-447 AKZO SCOTTSBORO NYLON NO. ENDS: 4224 WT/YD: .3245 (14,150)
NO TINT - NO CUT MARKS

WARP B: ** ADDED AT SLASHER 24 ENDS FROM LEFT NO. ENDS: ____ WT/YD: ____
EDGE AT SLASHER

WARP C: _____ NO. ENDS: ____ WT/YD: ____

WARPING LAYOUT

MAY ALSO BE WARPED AS BELOW: AIR BAG

12 - BMS @ 0 (SELV.) 352 (BODY A) 0 (SELV.)

____ - BMS @ _____ (SELV. BODY A SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

____ - BMS @ _____ (SELV. BODY SELV.)

FOR HEADEND TICKET:

GREIGE WIDTH _____ EST. WEIGHT _____ ACT.% CONT _____ GROUND COUNT _____ OVERALL COUNT: _____

ISSUED BY: FRANCISCO BEDOYA _____ DATE:

cc: BEASLEY, BURTON, REESE, HALEY, HAVER, B.JAMES, D. ROBBINS, WEAVE ROOM, J. GLENN D-10 R. DEATHERAGE (3), FRANCISCO BEDOYA (3) D-10

CERTIFICATE OF CONFORMANCE

TEST CONDITIONS: 72°F / 65% R.H.

MANUFACTURER: Safety Components Fabric Tech. Inc.
Dunean Plant
Greenville, SC

INFORMATION ONLY

CUSTOMER ID:

1000 g. AK 20

MATERIAL: W4934-03-9026 LOT: 21138 TEST DATE: SPECIFICATION: TBD

Piece No. / Sample No.	17530	17540		Specification Requirement		UNIT OF MEASURE	TEST PROCEDURES
GRAB TENSILE							
WARP	450	442	0	Min:		Pounds	ASTM-D-5034
FILLING	379	389	0	Min:		Pounds	ASTM-D-5034
ELONGATION							
WARP	38	38	0	Min:	Max:	Percent	ASTM-D-5034
FILLING	39*	40*	0	Min:	Max:	Percent	ASTM-D-5034
TONGUE TEAR							
WARP	28	27	0	Min:		Pounds	ASTM-D-2261
FILLING	27	27	0	Min:		Pounds	ASTM-D-2261
TRAPEZOID TEAR							
WARP	0	0	0	Min:		Pounds	ASTM-D-4533
FILLING	0	0	0	Min:		Pounds	ASTM-D-4533
SHRINKAGE							
WARP	1.56	1.56	0.00		Max:	Percent	1 HR @ 300 F
FILLING	.31	.31	0.00		Max:	Percent	1 HR @ 300 F
FLAMMABILITY	0.0	0.0	0.0		Max:	IN/MIN	FMVSS-302
BOW	.31	.50			Max:	Percent	
BIAS	.75	.75			Max:	Percent	
WEIGHT	5.02	4.99	0.00	Min:	Max:	OZ/YD2	ASTM-D-3776
WIDTH	70.5	71.0	0.0	Min:	Max:	INCHES	ASTM-D-3774
ENDS	58.3	58.3	0.0	Min:	Max:	EPI	ASTM-D-3775
PICKS	62.6	62.5	0.0	Min:	Max:	PPI	ASTM-D-3775
BODY THICKNESS	.010	.010	0.000	Min:	Max:	Inches	ASTM-D-1777
DYNAMIC AIR PERM							
ADAP				Min:	Max:	MM/sec	T.B.D.
EXPONENT				Min:	Max:		T.B.D.

Material: W4934-03-9026 lot: 21138

Piece No. / Sample No.	17530	17540		Specification Requirement	UNIT OF MEASURE	TEST PROCEDURES
MULLEN BURST MKT				Min:	PSI	ASTM-D-3786
pH	7.1	6.8		Min: Max:	pH units	FTM 191
EXTRACTABLES (%)	.5	.6		Max:	Percent	JPS 701
DYE STAIN	5	5		Min: 4	AATCC CROCK UNITS	JPS 701
AIR PERMEABILITY	2.04	2.00	0.00	Min: Max:	CFM	ASTM-D-737
CANTILEVER STIFFNESS						
WARP	0.0	0.0	0.0	Min: Max:	MG/CM2	ASTM-D-4032
FILL	0.0	0.0	0.0	Min: Max:	MG/CM2	ASTM-D-4032
CIRCULAR BEND						
WARP	.800	.800	0.000	Min: Max:	Pounds	ASTM 4032
FILL	.800	.800	0.000	Min: Max:	Pounds	ASTM 4032

I certify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above material specifications except as noted with an asterisk (*).

ROBERT M. HOLCOMBE LAB DIRECTOR
(864) 240-2624

P-1065 (5/96) [WI-2021]

INFORMATION ONLY

EXHIBIT C

revised August 11, 3 & Am

PROD. REQ. & COST FORM

TO: FRANCISCO BEDOYA DATE _____

I. MARKETING

CUSTOMER: _____ CUST. S/# _____ C/R# 10-386

SCFTI S/#: 28355 WEAVE: Plain ENDUSE: Airbag LEVEL 4

	GR. (MIN/NOM.)	FIN. (MIN./NOM.)		YES	NO
ENDS/IN:	41-43	44-	WARP SIZE OK	___	X
PICKS/IN:	48-50	49	SPUN YARN TINT	___	___
WIDTH:	69.5-70.5	65-66	HI. TEN REQD	___	___

WARP: 420/68/R20 Nylon DuPont T743 OLD/NEW

FILL: 420/68/R20 Nylon DuPont T743 (1/2 Pick & Pick) OLD/NEW
315/96/R20 Nylon DuPont T729 (1/2 Pick & Pick)

SCFTI PROCESS:

GREIGE	___	CUT LENGTH RANGE	500
HEATSET IN THE GR.	___	MIN PC. LENGTH	200
SCOUR & HEATSET	X	SPLICES ALLOWED	Yes
APPLY & FINISH	___	PACKAGING	1" Spiral Tube Wrapped in Clear Plastic

DESCRIBE FINISH: _____ FINISH CODE: 9026

CFM RANGE: NA CUST. SPEC # TBD DATED: _____

COPY OF CUST. SPEC ATTACHED _____ (TEST REQ. Y/N) (CERT REQ Y/N)

DEPT#: 10

II. TECHNICAL

TYPE LOOM: Dornier MULTIPLE PICKS - YES/NO EQUIVALENT PICKS: N/A

YARDS PER BEAM: N/A (WARP IN PLANT & NEW YARNS ONLY)

CONST. IN LOOM: REED WIDTH: 74.60" SLEY: 40.0 OFF LM PICKS: 490

WARP: 420/68/R20 Nylon DuPont T-743

FILLING: 420/68/R20 Nylon DuPont T-743 Pick and Pick
315/96/R20 Nylon DuPont T-729

WARP YDS/LB: 10.600 FILLING YDS/LB: 10.600 : 420 ; 14.50 : 315

EST. WARP CONTRACTION: 8%

REMARKS: simple twill

SIGNATURE: Ramiro DATE: 5-21-99

PROCESSES REQUIRED: (CIRCLE AS APPLICABLE)

PREPARATION	WEAVING	FINISHING	FINAL	TESTING
WINDING	DORNIER	BATCH	SLIT	INTERNAL
TWISTING (IN/OUT)	SULZER	SCOUR-JIG/CONT.	INSPECT	CUST. LOT
WARPING (IN/OUT)		CAN DRY	PACK	NONSTD.
(BLOCK/TRANS.)		CONTACT HT SET SHIP		PPAP
BEAMING/SLASHING		CALENDER/TENTER		ANNUAL QUAL.

III. ENGINEERING
LOOMS/WEAVER: _____ OTHER: _____

DATE FWDED: _____

IV. COST DEPARTMENT

YDS/LOOM 120 HRS. _____ TARGET CONTRIBUTION LOOM/WK _____ YD _____ FAB. WT. _____ OZ./SQ. YD. _____

COST: VAR./YD: _____ FX/YD: _____ B/E/YD: _____ MIN. YD: _____ TAR.YD: _____

YARN PRICE: WARP: _____ FILL: _____

SPECIAL INSTRUCTIONS: _____

DISCLAIMERS/COMMENTS: A) Urethane adhesion values below 630d are very low. Trial evaluation by makers suitable with two different denises should provide better surface adhesion.

B) If successful would consider in warp and fill.

SUBMITTED BY L. Holsenbach DATE: _____

APPROVED BY MARKETING MGR. [signature] DATE: _____

APPROVED BY DIR. TECH. SVCS K. Bates DATE: _____

REJ. (APPR.) TECH. SERV. MGR. K. Bates DATE: _____

APPROVED BY MFG. REF. COMM. K Bates DATE: _____

FORWARD TO: _____ OR _____ CC: J. ANDERSON, J. UNDERWOOD, S. DUERK, D. HARVELL

(RE: OMS-102)

CERTIFICATE OF CONFORMANCE

MANUFACTURER: Safety Components Fabric Tech. Inc.
Duncan Plant
Greenville, SC

TEST CONDITIONS: 72°F / 65% R.H.

CUSTOMER ID:

MATERIAL: W4951-01-9026 LOT: 20701 TEST DATE: SPECIFICATION: TBD

Piece No. / Sample No.	8619T			Specification Requirement	UNIT OF MEASURE	TEST PROCEDURES
GRAB TENSILE						
WARP	430	0	0	Min:	Pounds	ASTM-D-5034
FILLING	424	0	0	Min:	Pounds	ASTM-D-5034
ELONGATION						
WARP	34	0	0	Min: Max:	Percent	ASTM-D-5034
FILLING	43	0	0	Min: Max:	Percent	ASTM-D-5034
TONGUE TEAR						
WARP	47	0	0	Min:	Pounds	ASTM-D-2261
FILLING	41	0	0	Min:	Pounds	ASTM-D-2261
TRAPEZOID TEAR						
WARP	0	0	0	Min:	Pounds	ASTM-D-4533
FILLING	0	0	0	Min:	Pounds	ASTM-D-4533
SHRINKAGE						
WARP	1.25	0.00	0.00	Max:	Percent	1 HR @ 300 F
FILLING	0.00	0.00	0.00	Max:	Percent	1 HR @ 300 F
FLAMMABILITY	0.0	0.0	0.0	Max:	IN/MIN	FMVSS-302
BOW	.56			Max:	Percent	
BIAS	.50			Max:	Percent	
WEIGHT	5.10	0.00	0.00	Min: Max:	OZ/YD2	ASTM-D-3776
WIDTH	66.0	0.0	0.0	Min: Max:	INCHES	ASTM-D-3774
ENDS	44.5	0.0	0.0	Min: Max:	EPI	ASTM-D-3775
PICKS	48.3	0.0	0.0	Min: Max:	PPI	ASTM-D-3775
BODY THICKNESS	.012	0.000	0.000	Min: Max:	Inches	ASTM-D-1777
DYNAMIC AIR PERM						
ADAP				Min: Max:	mm/sec	T.B.D.
EXPONENT				Min: Max:		T.B.D.

Material: W4951-01-9026 lot: 20701

Piece No. / Sample No.	86197			Specification Requirement	UNIT OF MEASURE	TEST PROCEDURES
MULLEN BURST MBT				Min:	PSI	ASTM-D-3786
pH	7.0			Min: Max:	pH units	FTM 191
EXTRACTABLES (%)	.5			Max:	Percent	JPS 701
DYE STAIN	5			Min: 4	AATCC CROCK UNITS	JPS 701
AIR PERMEABILITY	6.04	0.00	0.00	Min: Max:	CFM	ASTM-D-737
CANTILEVER STIFFNESS						
WARP	0.0	0.0	0.0	Min: Max:	MG/CM2	ASTM-D-4032
FILL	0.0	0.0	0.0	Min: Max:	MG/CM2	ASTM-D-4032
CIRCULAR BEND						
WARP	0.000	0.000	0.000	Min: Max:	Pounds	ASTM 4032
FILL	0.000	0.000	0.000	Min: Max:	Pounds	ASTM 4032

I certify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above material specifications except as noted with an asterisk (*).

ROBERT M. HOLCOMBE LAB DIRECTOR
(864) 240-2624

F-1065 (5/96) [WI-2021]